

Application No. 10/650,510
Amendment dated May 2, 2006
Reply to Office action dated December 23, 2005

Amendments to the Specification:

Please replace paragraph [0028] with the following amended paragraph:

[0028] The carbonized polysulfonated vinylaromatic polymer particles have a mixture of macropores (pore diameters greater than about 500 angstroms), mesopores (pore diameters between about 20 and 500 angstroms) and micropores (pore diameters less than 20 angstroms). The pore volume ratio, defined as (~~macropore~~macropore volume + mesopore volume)/(micropore volume), may be from about 0.5 to about 20. Lower pore volume ratios are favored by reactions that are shape selective and require the constraints imposed by micropores and that have low fouling rates. Higher pore volume ratios are favored by reactions where mass transfer rates can become rate limiting and for reactions that tend to foul the catalyst. Typical pore volume ratios for the catalysts of present invention are from about 0.7 to about 10 and from about 1.0 to about 8.